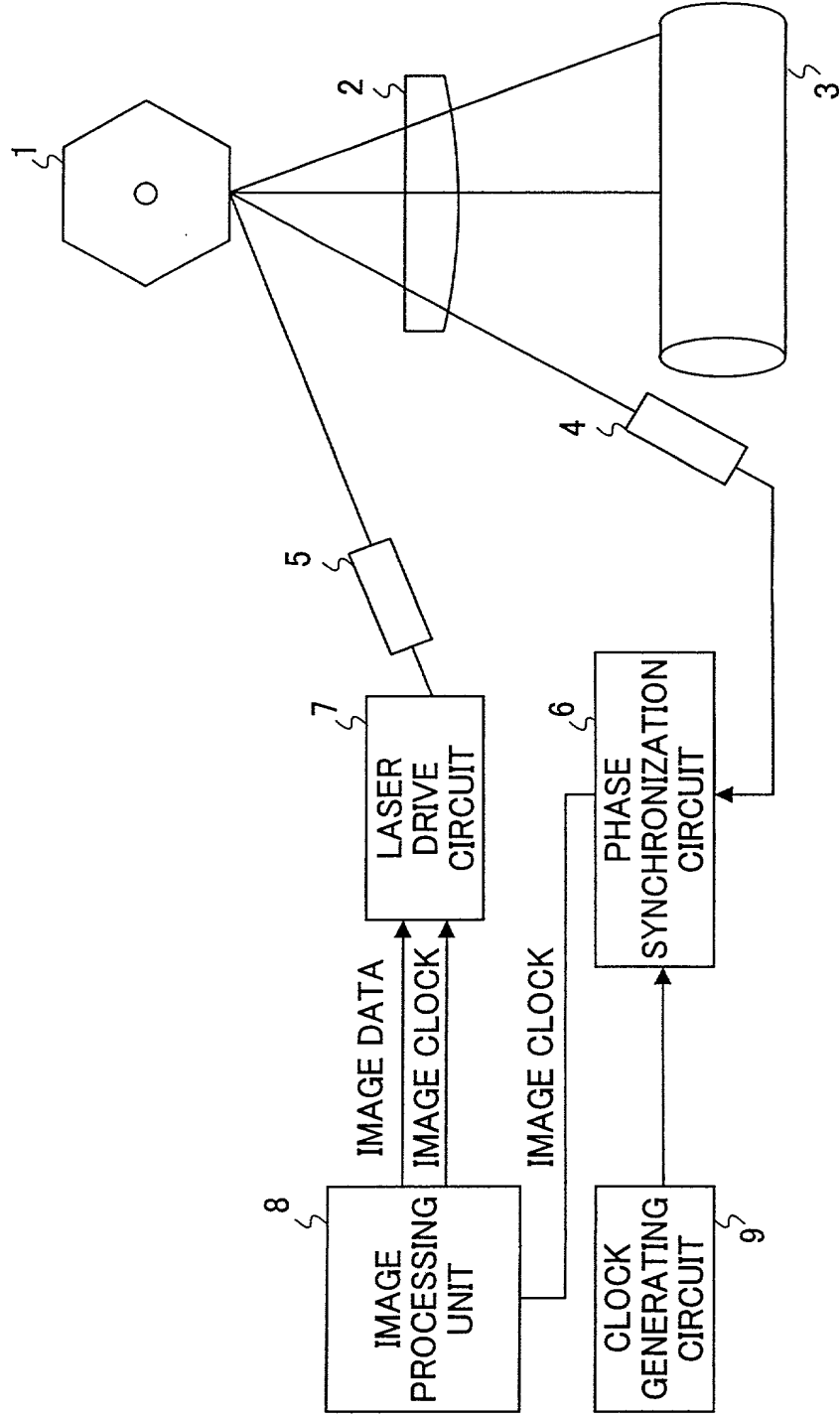


FIG. 1 PRIOR ART



11

FIG.2A PRIOR ART

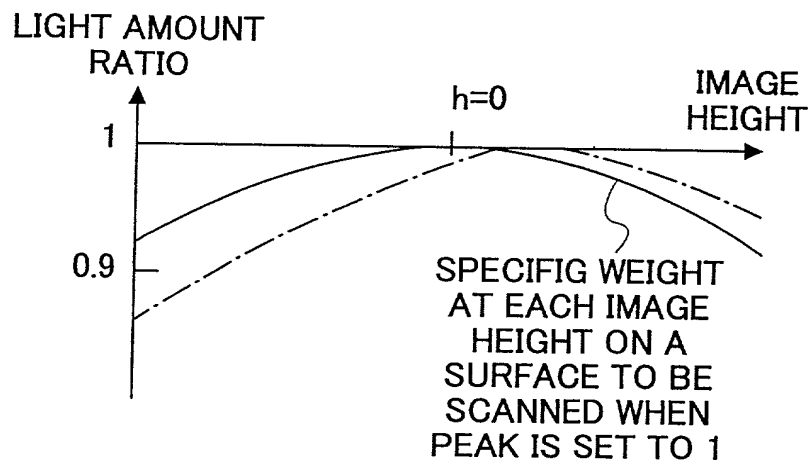


FIG.2B PRIOR ART

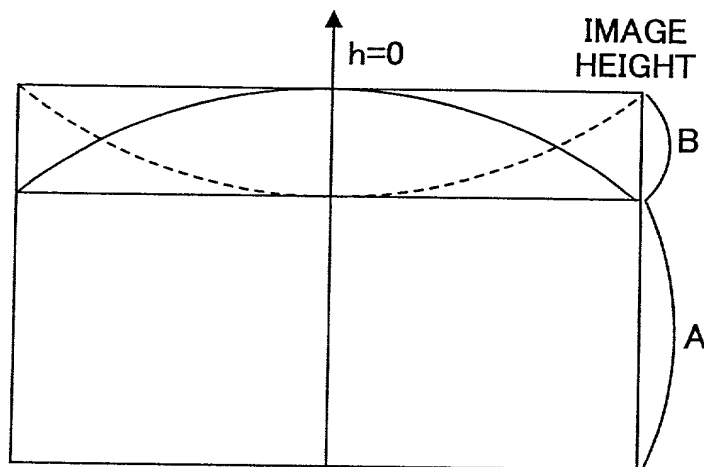


FIG. 3

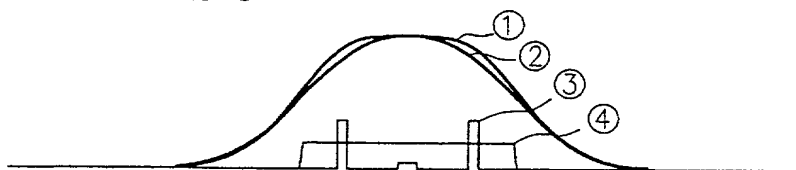


FIG. 4

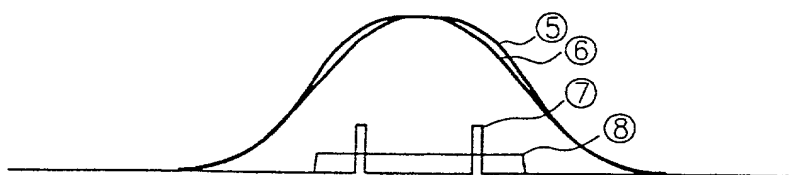


FIG. 5

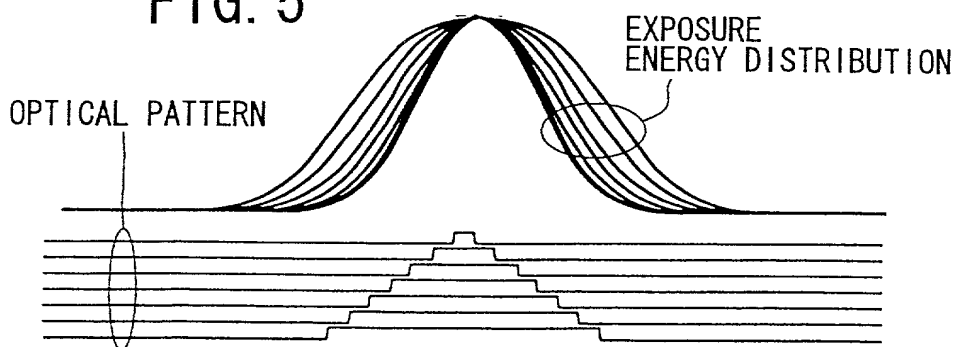


FIG. 6

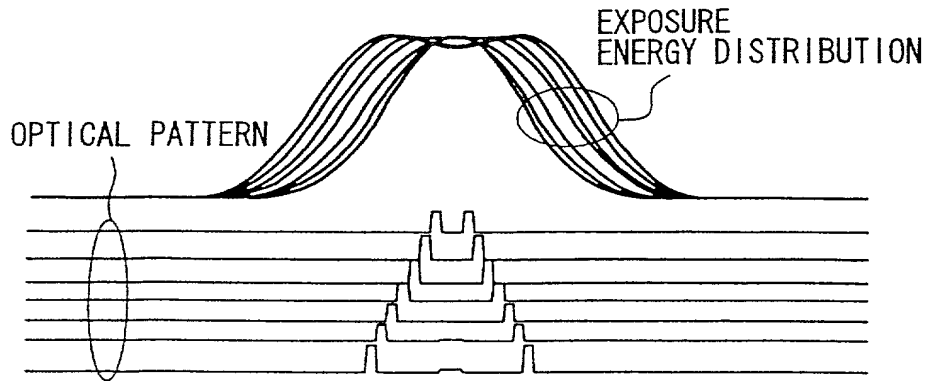


FIG. 7

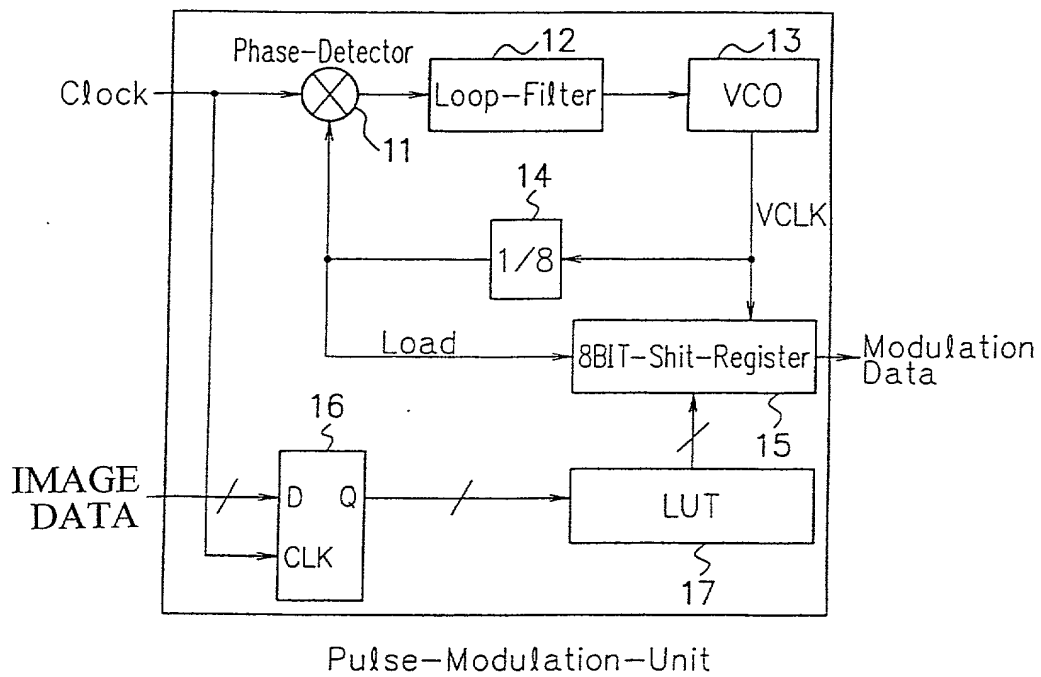


FIG. 8

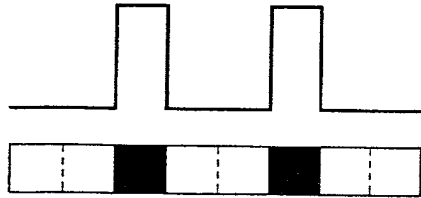


FIG. 9

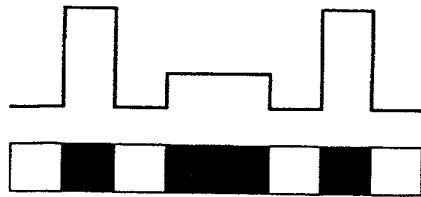


FIG. 8

[illegible]

FIG.11

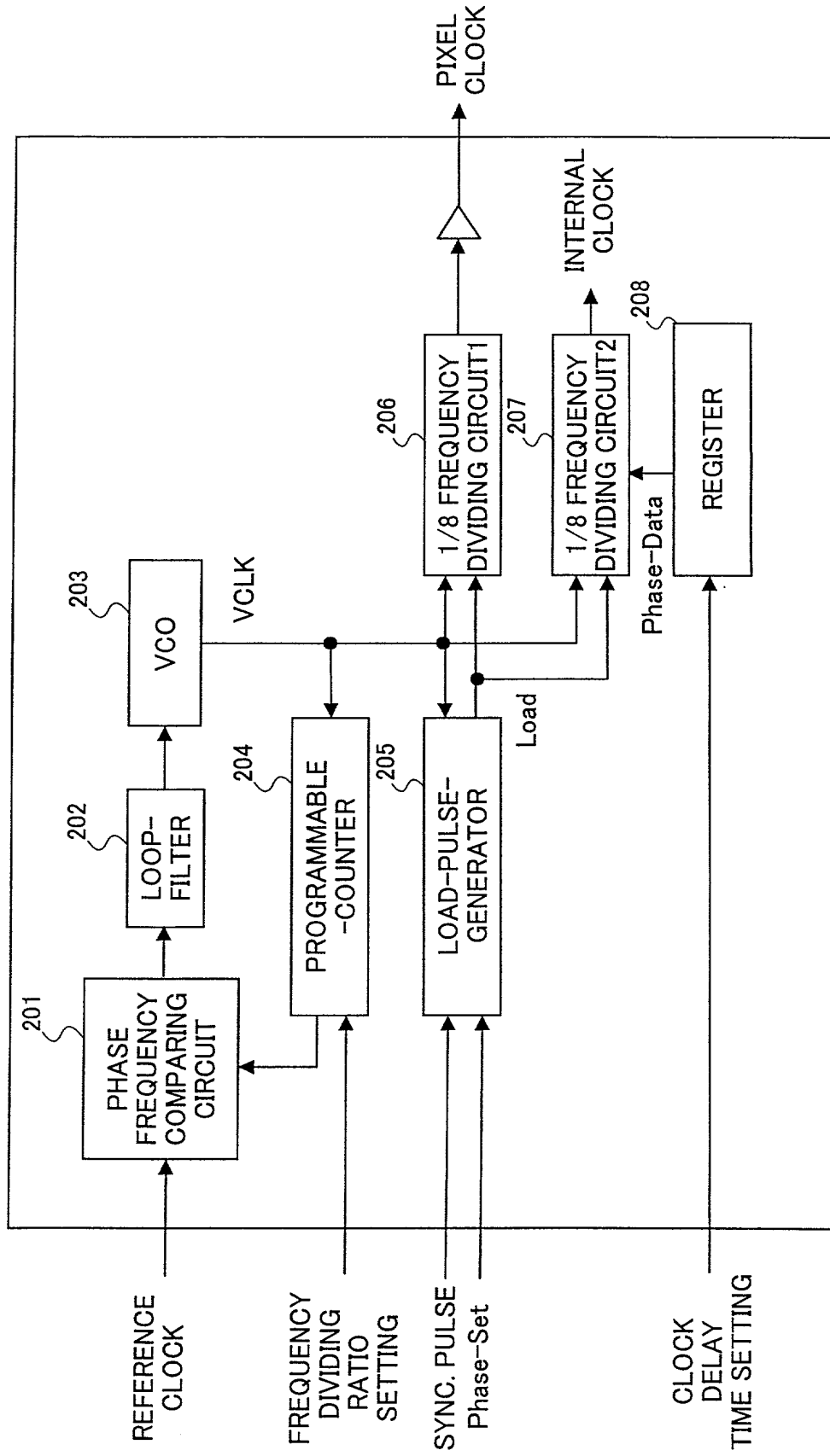


FIG.12

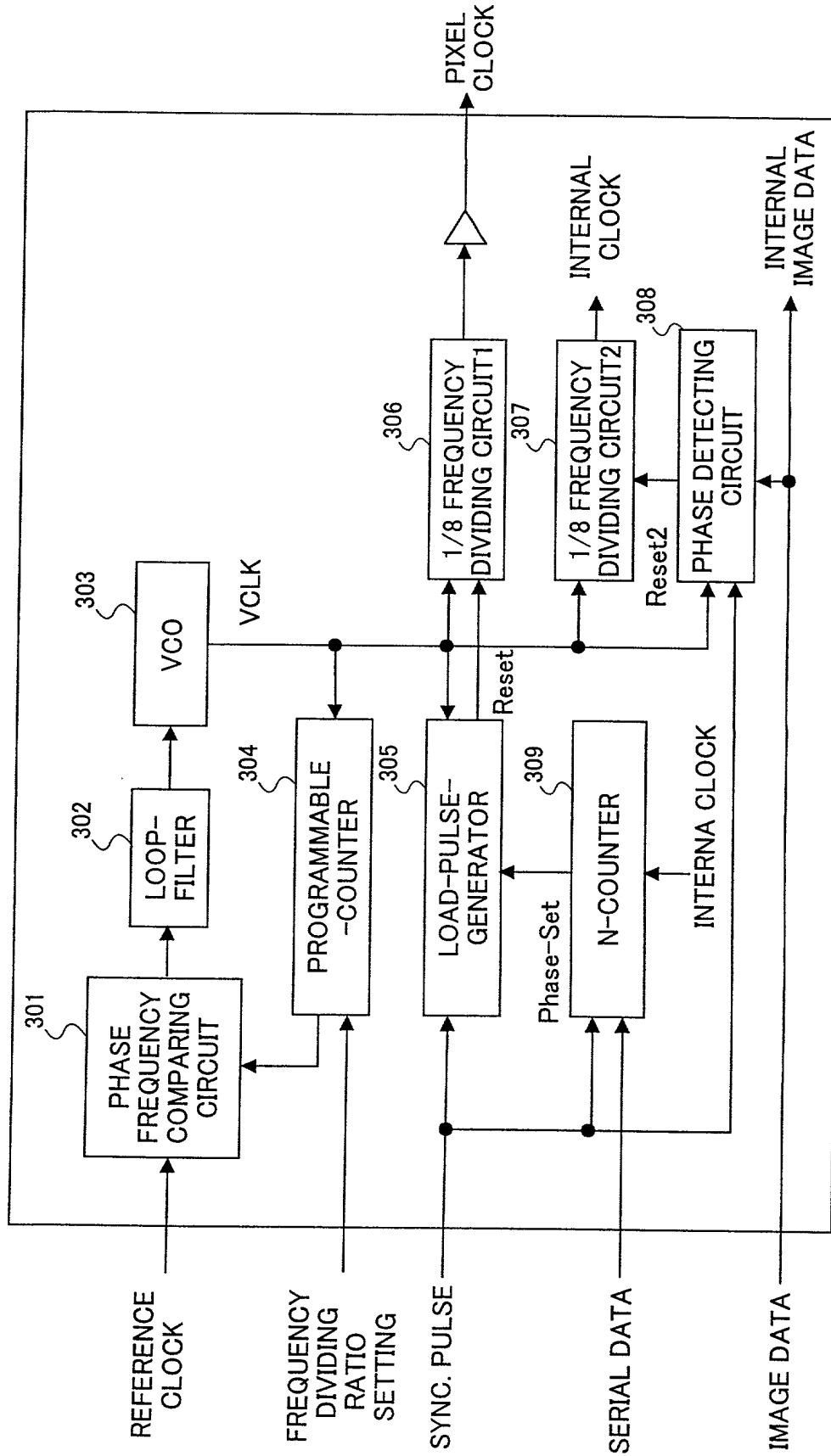




FIG.13

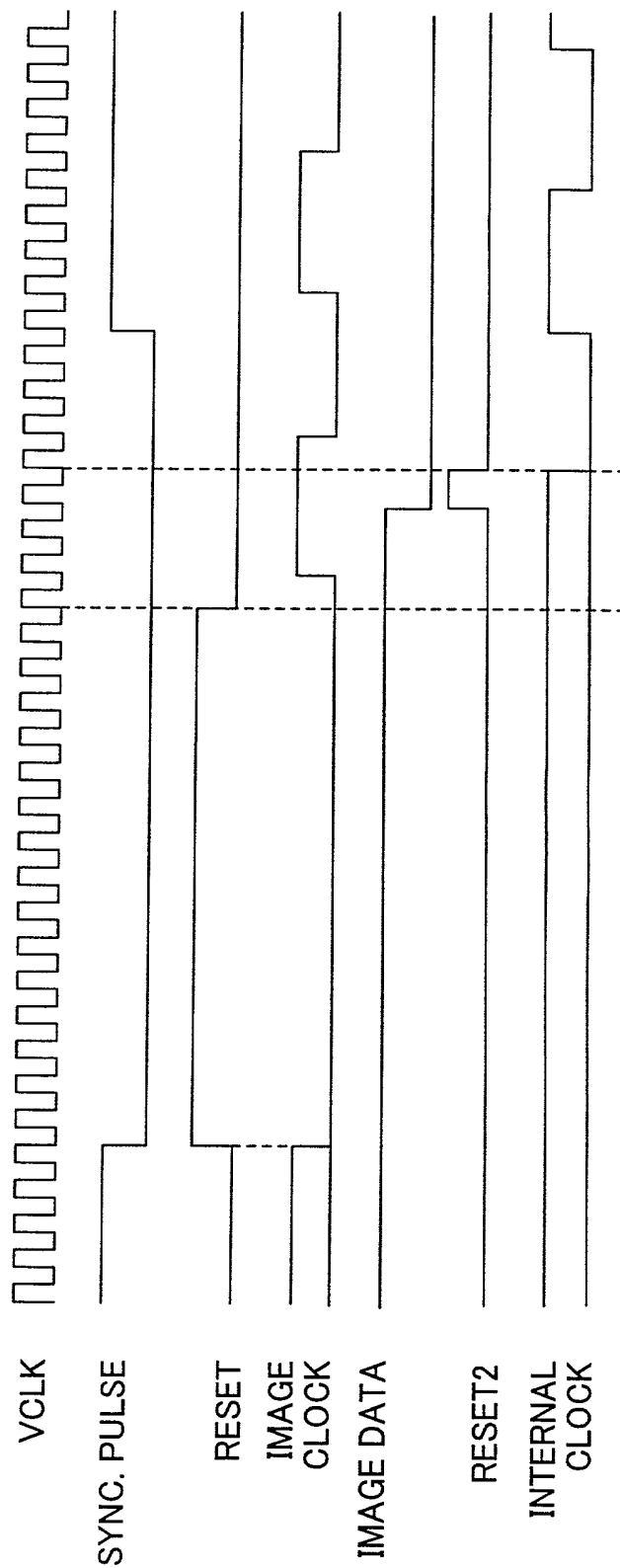


FIG.14

D0,D1	PD2	PD1	PD0	D0,D1	QD2	QD1	QD0	D0,D1	RD2	RD1	RD0	OUTPUT PULSE			
1	0	0	0	2	0	0	0	3	0	0	0				
			1				1				1				
		1	0			1	0				0				
			1				1				1				
	1	0	0		1	0	0		1	0	0				
			1				1				1				
			0			1	0				0				
			1				1				0				
D2,D3	PD5	PD4	PD3	D2,D3	QD5	QD4	QD3	D2,D3	RD5	RD4	RD3	OUTPUT PULSE			
1	0	0	0	2	0	0	0	3	0	0	0				
			1				1				1				
		1	0			1	0				0				
			1				1				0				
	1	0	0		1	0	0		1	0	0				
			1				1				1				
			0			1	0				0				
			1				1				0				
1	0	0	0	2	0	0	0	3	0	0	0				
			1				1				1				
		1	0			1	0				0				
			1				1				0				
	1	0	0		1	0	0		1	0	0				
			1				1				1				
			0			1	0				0				
			1				1				0				

The diagram shows 8 channels, X0 through X7, over a 100ns period. The pulses are arranged in a staggered, overlapping manner. X0 and X1 have the longest pulses, while X7 has the shortest. The pulses are arranged in a sequence that suggests a specific timing relationship between the channels.

FIG. 16

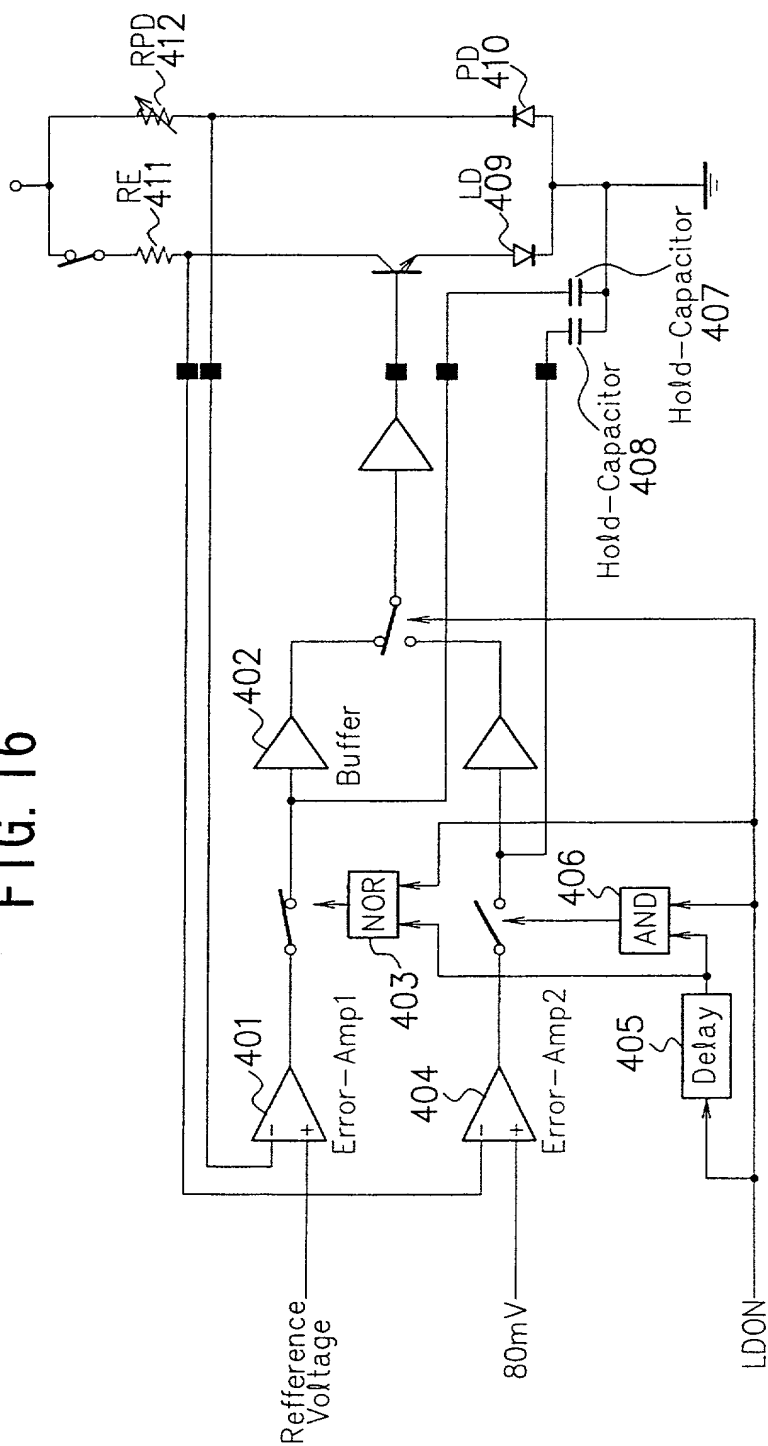


FIG. 17

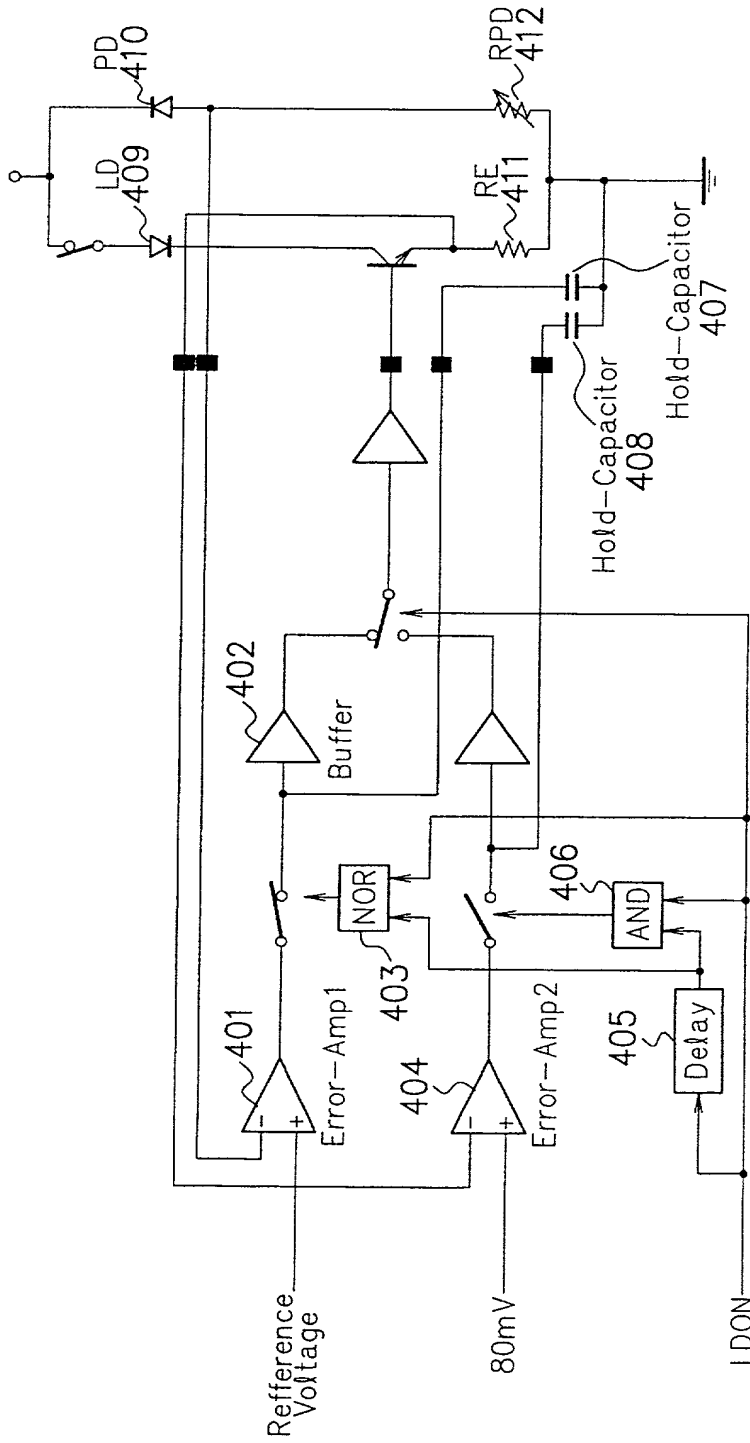


FIG. 18

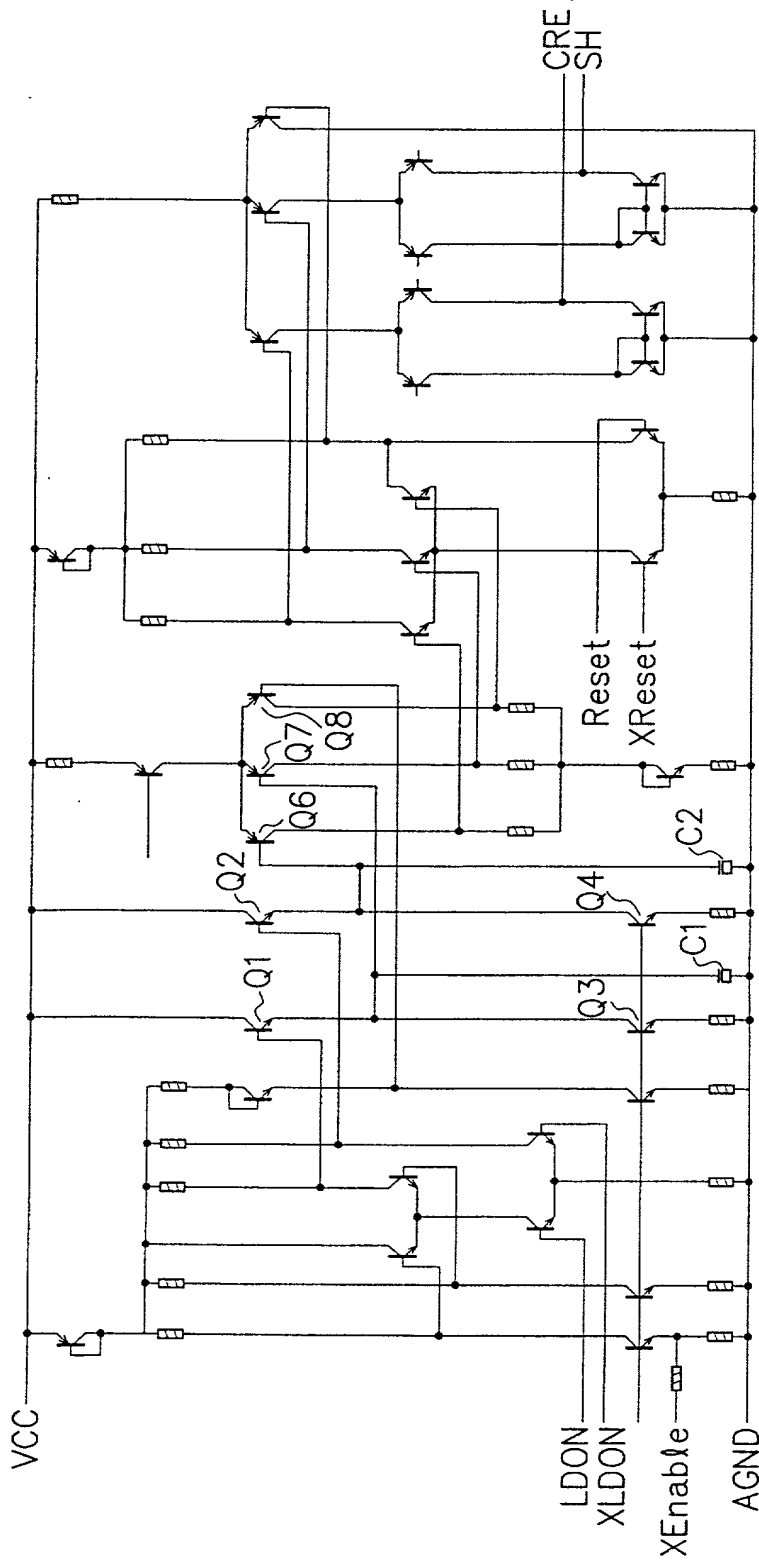


FIG. 19

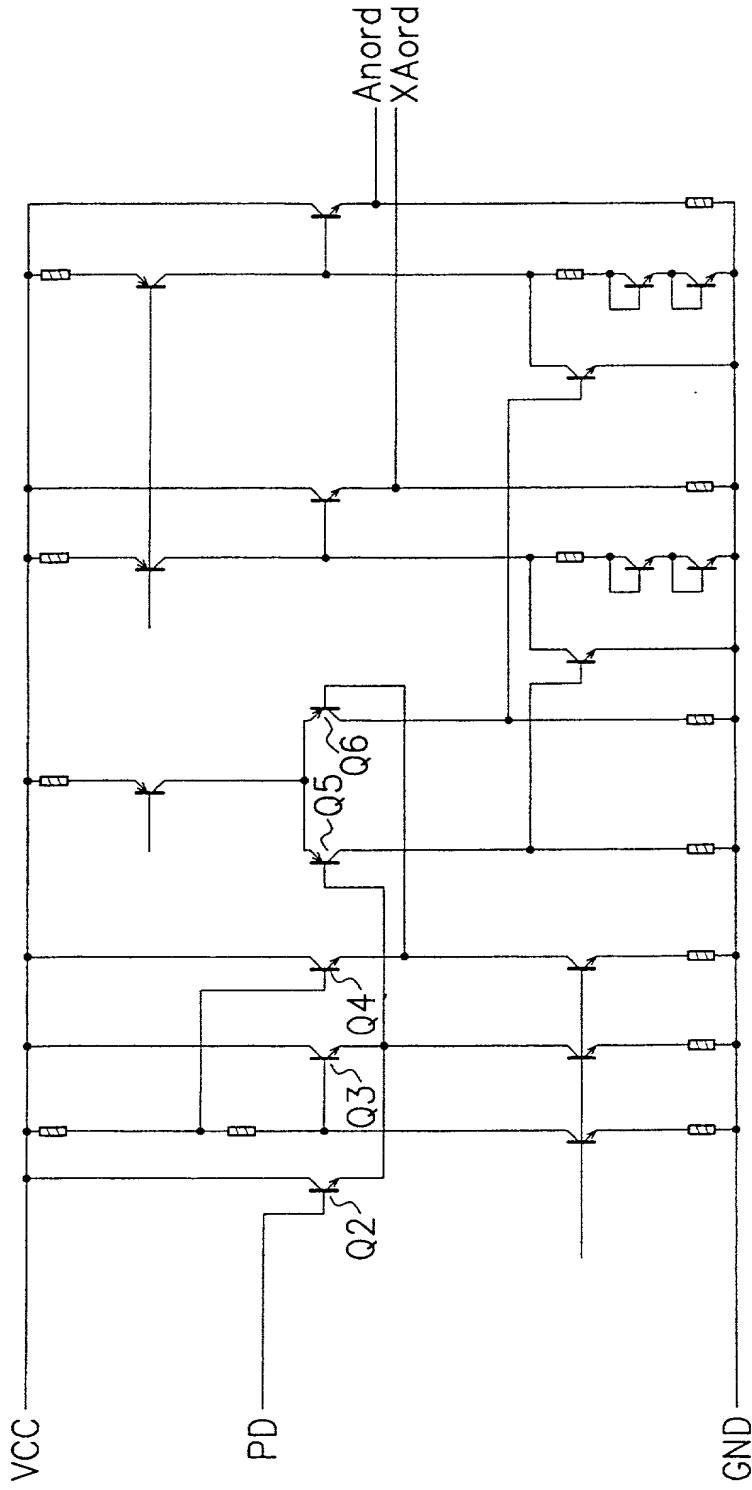


FIG. 20

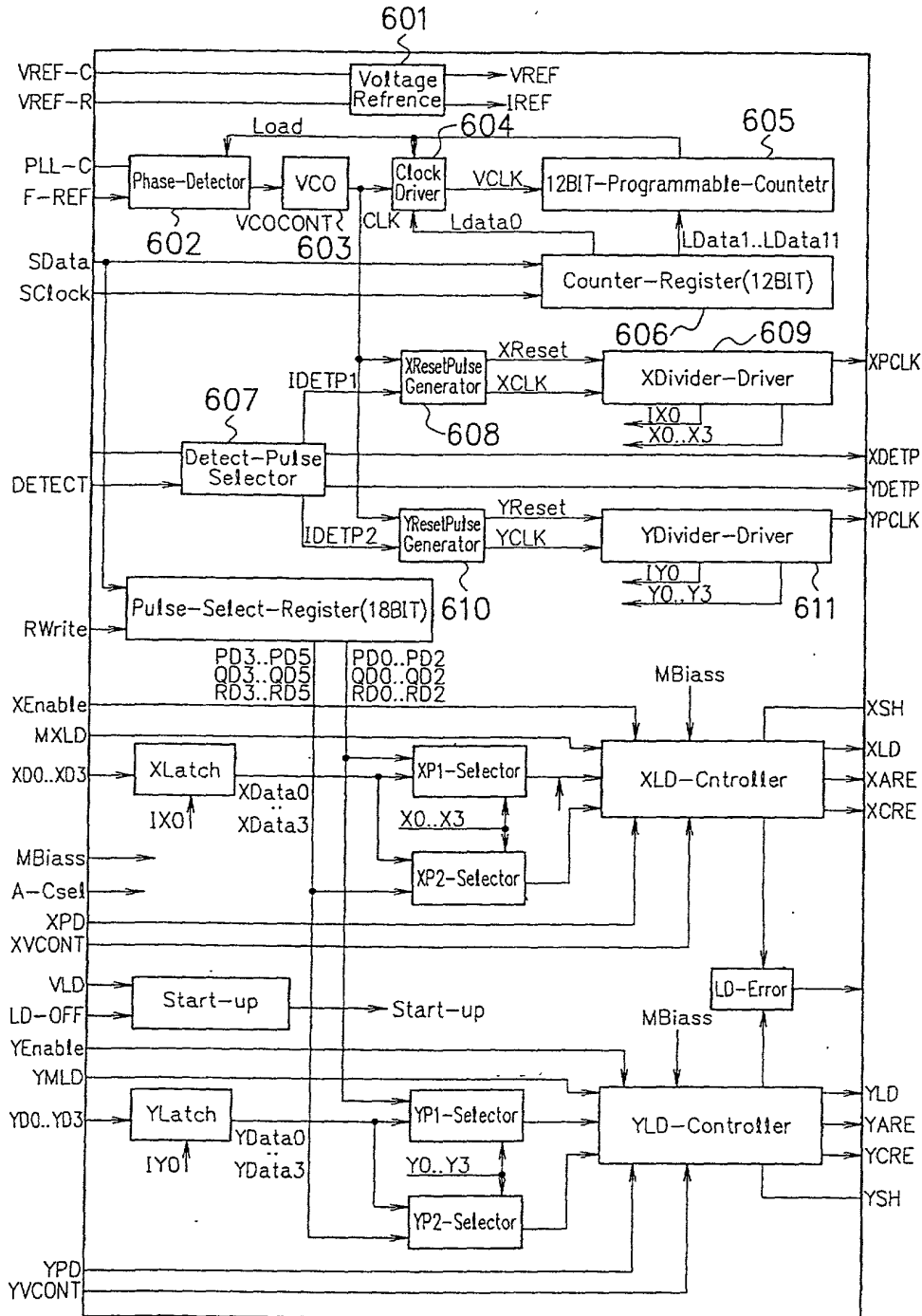




FIG. 21

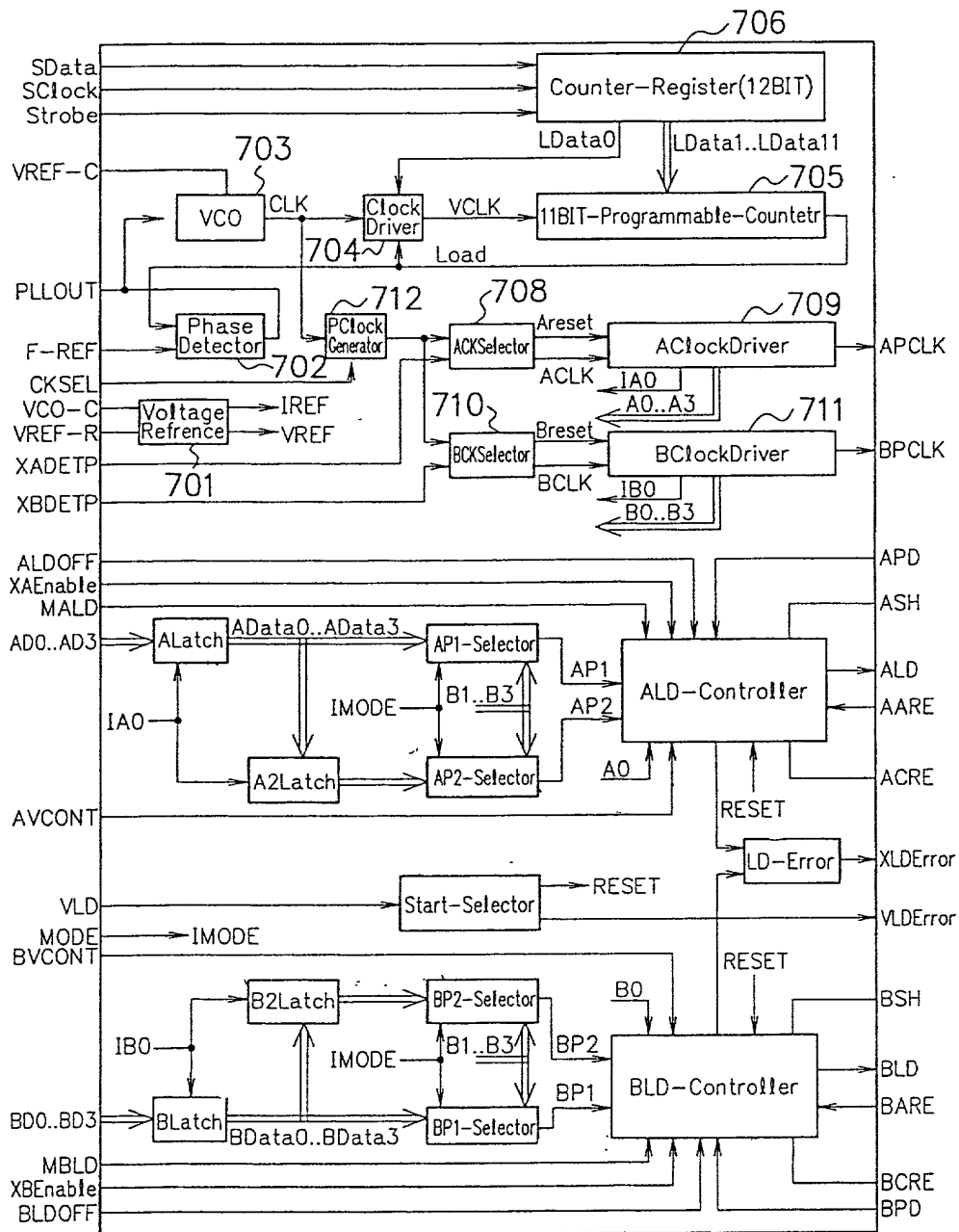


FIG.22

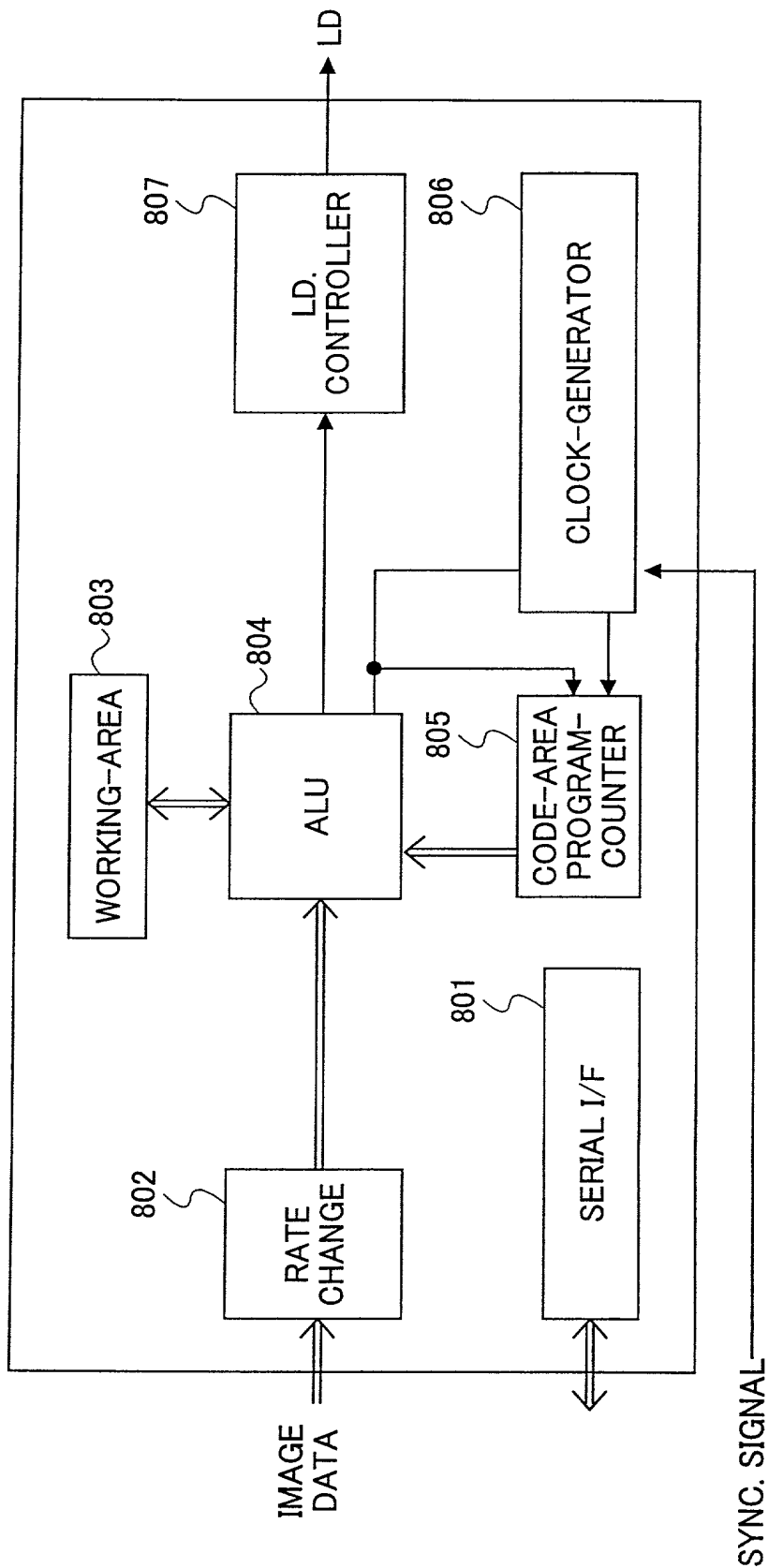


FIG.23

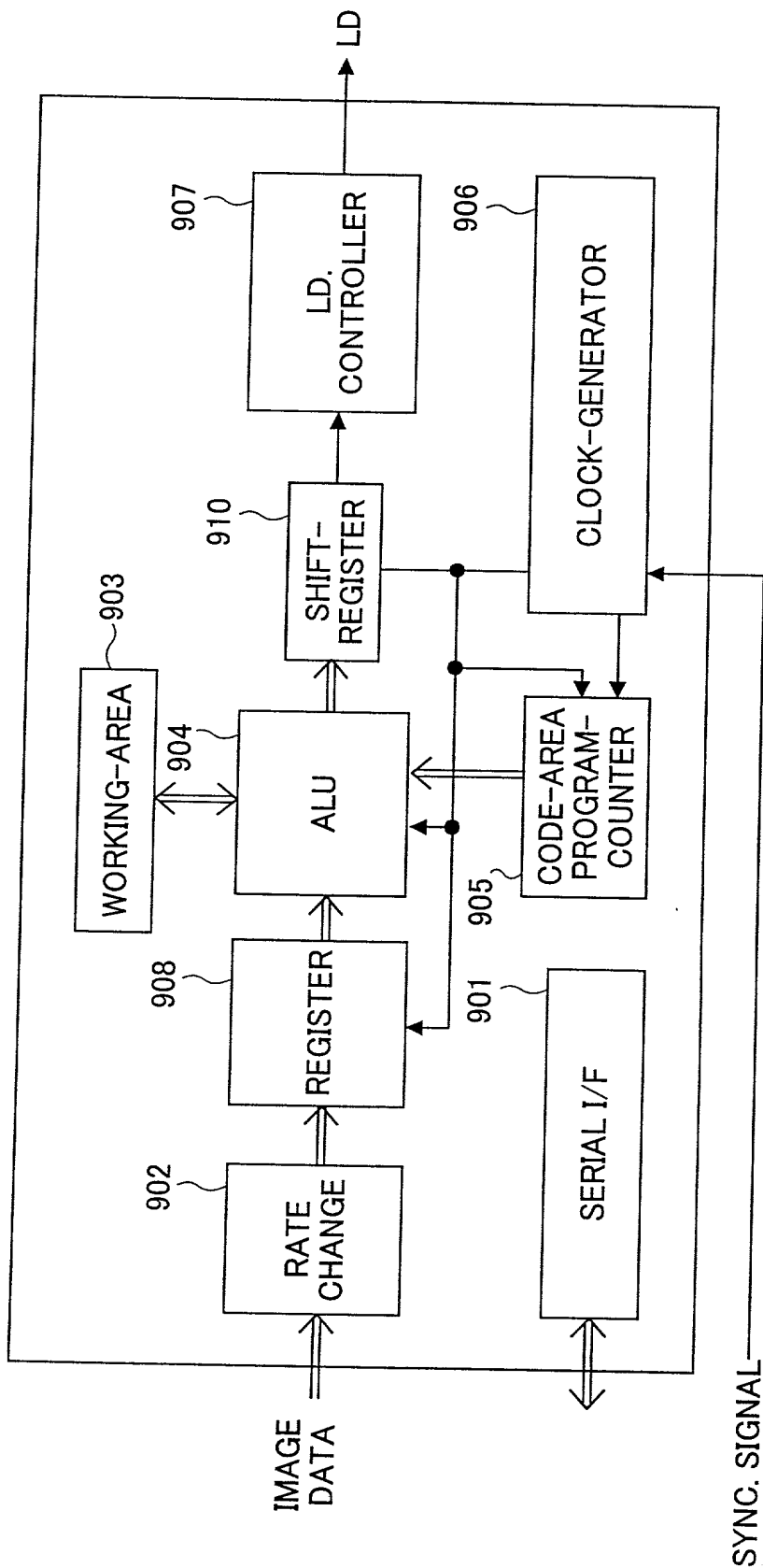


FIG. 24

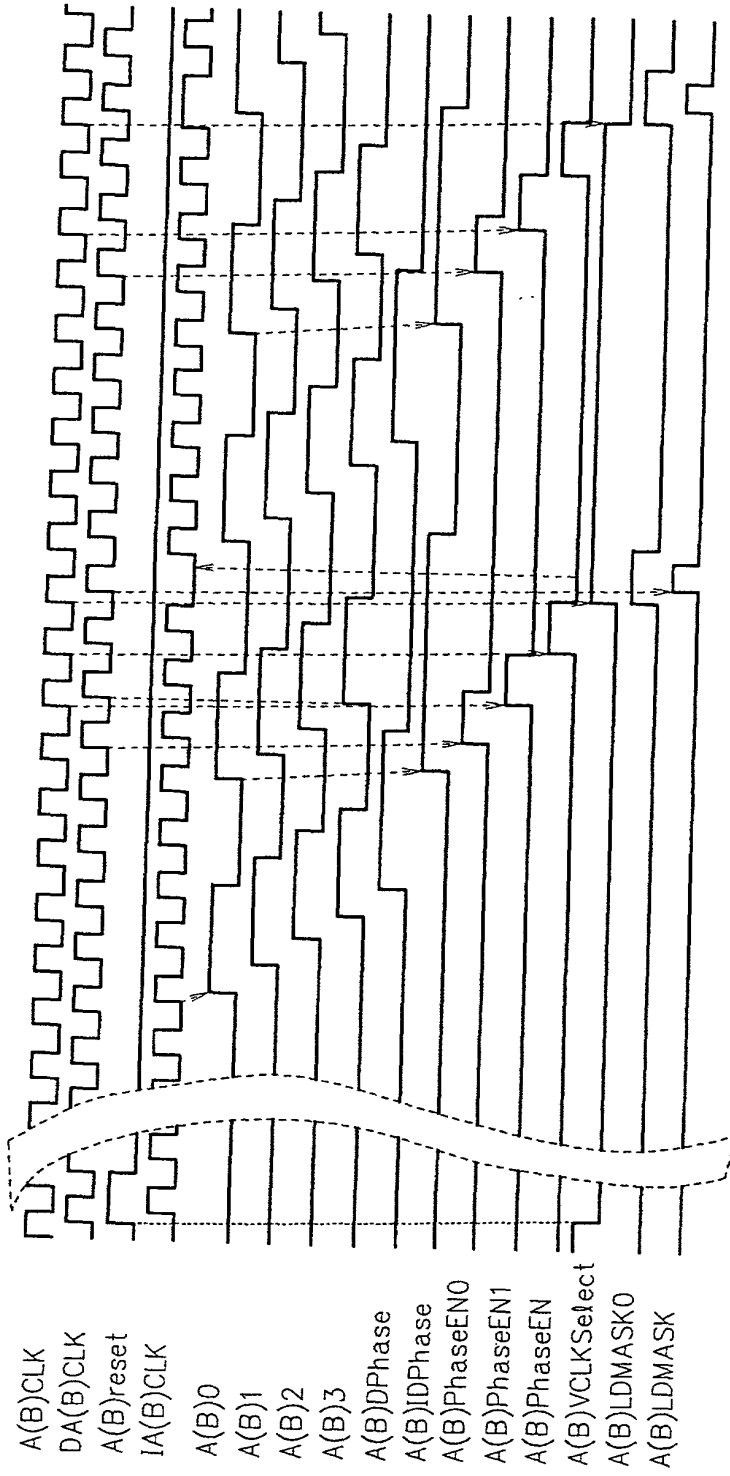


FIG. 25

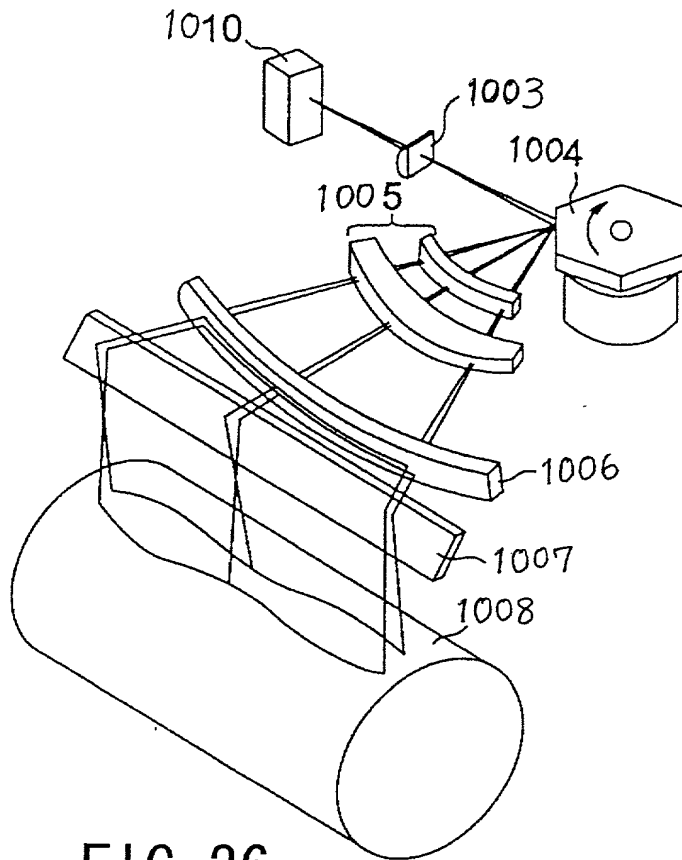


FIG. 26

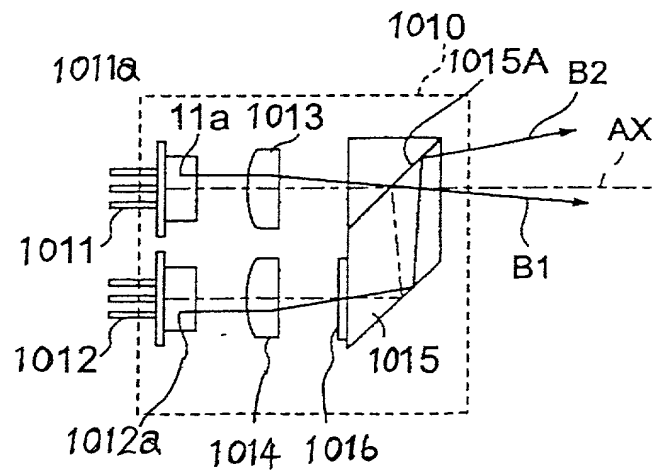
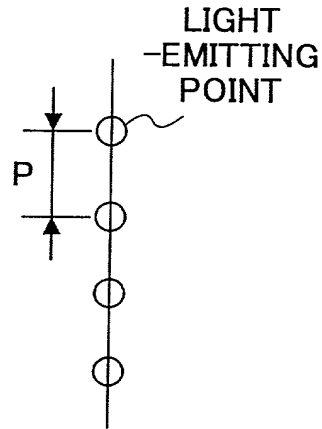


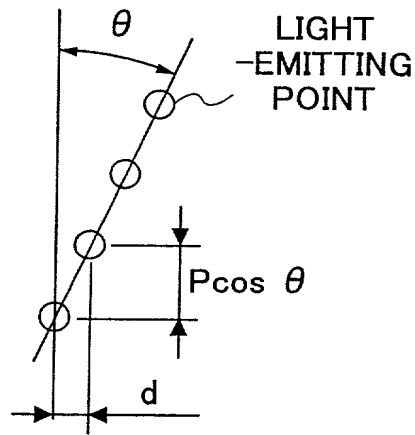
FIG.27A



SLANT



FIG.27B



09/873,256 094491

[illegible]

FIG.29

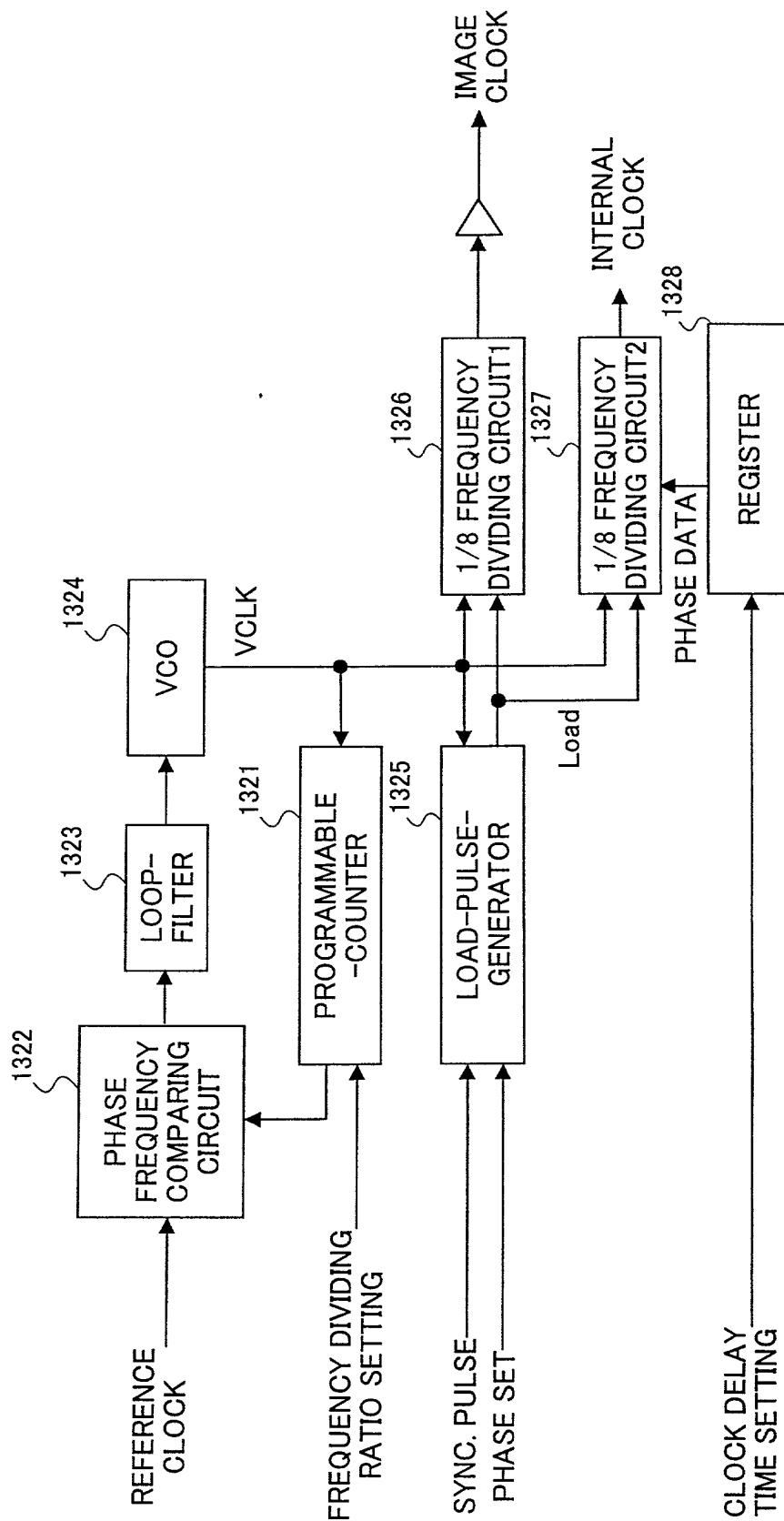




FIG.30

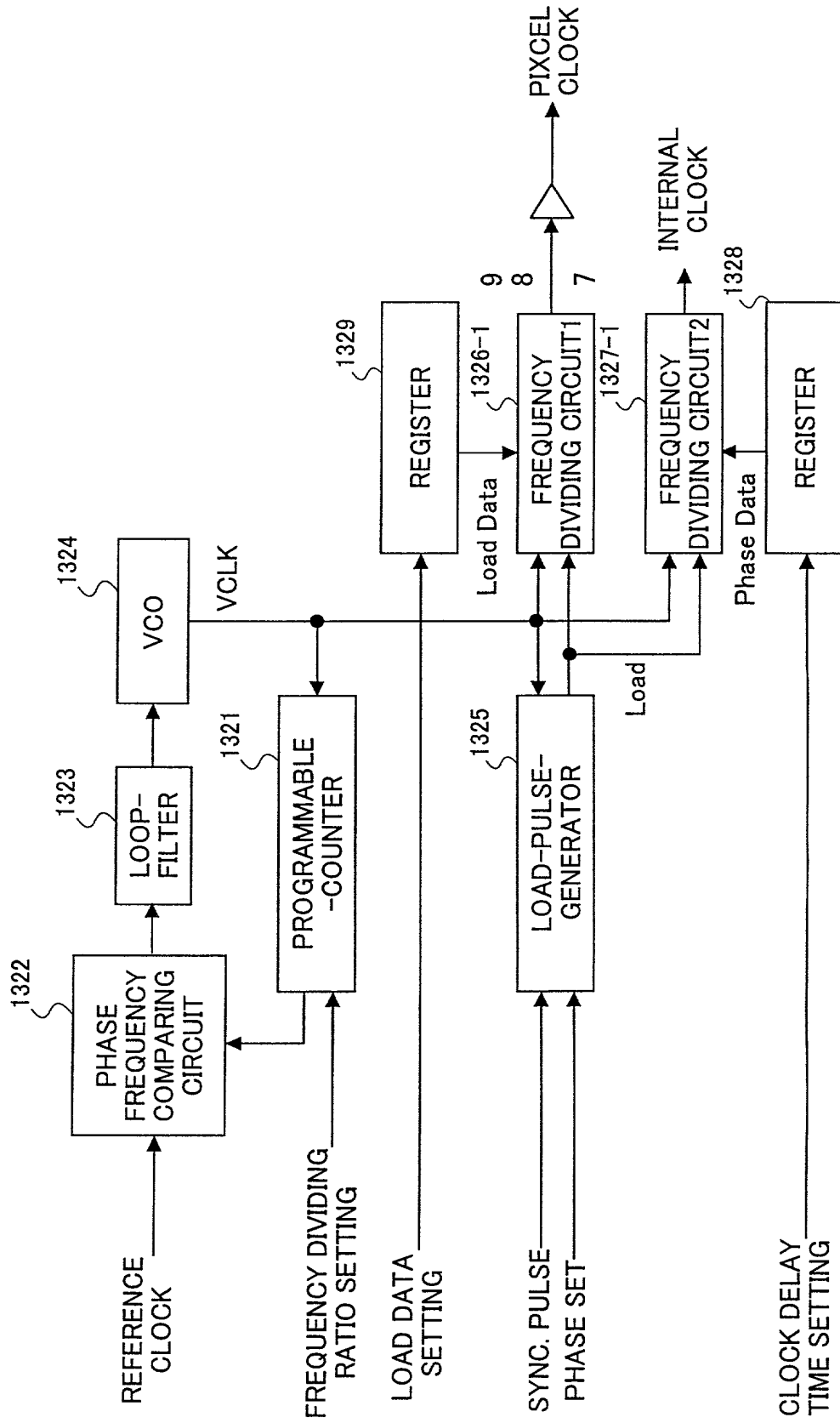


FIG. 31

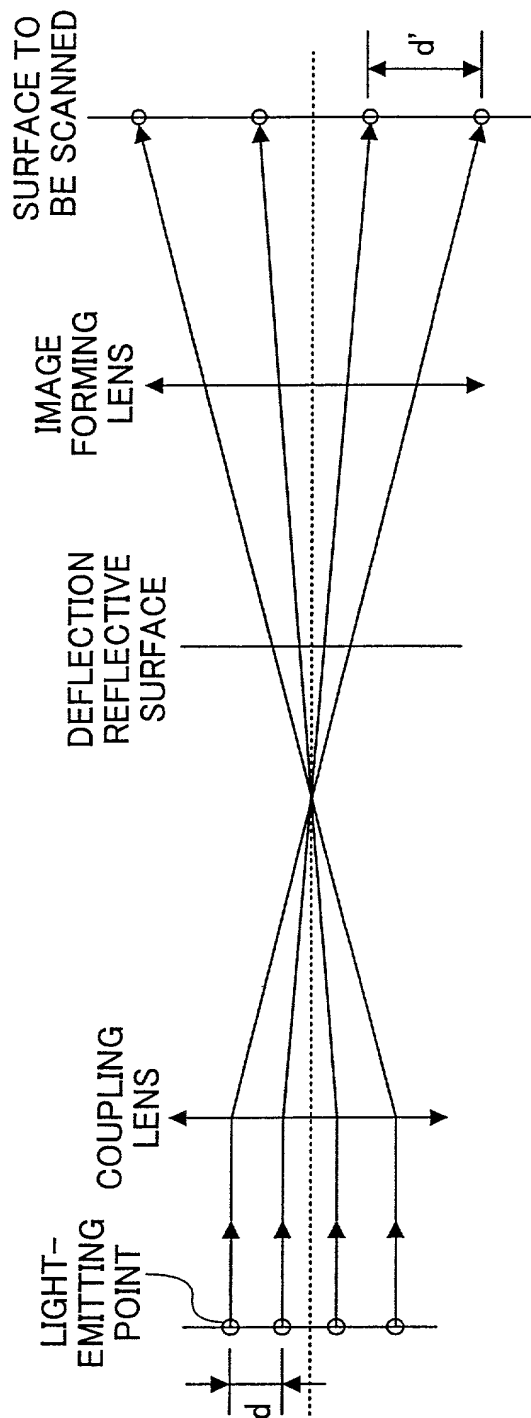
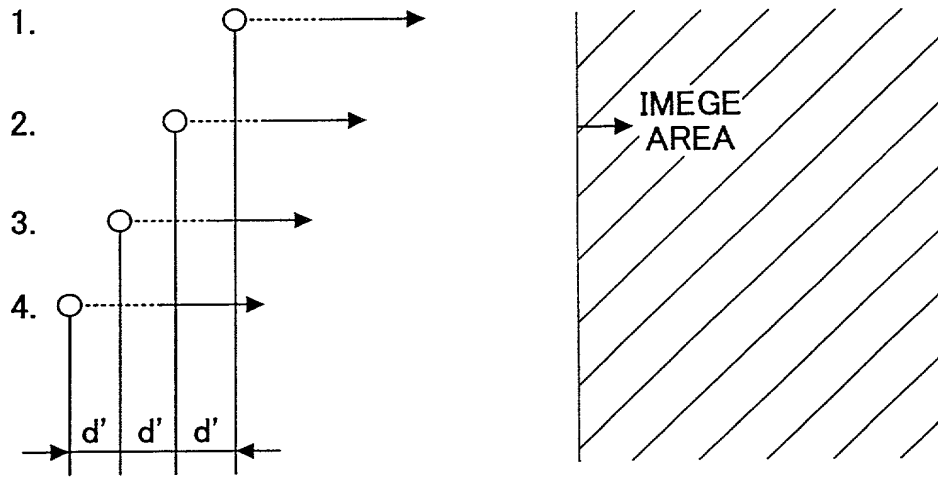


FIG.32



09/27/2009 10:41:40

FIG. 33

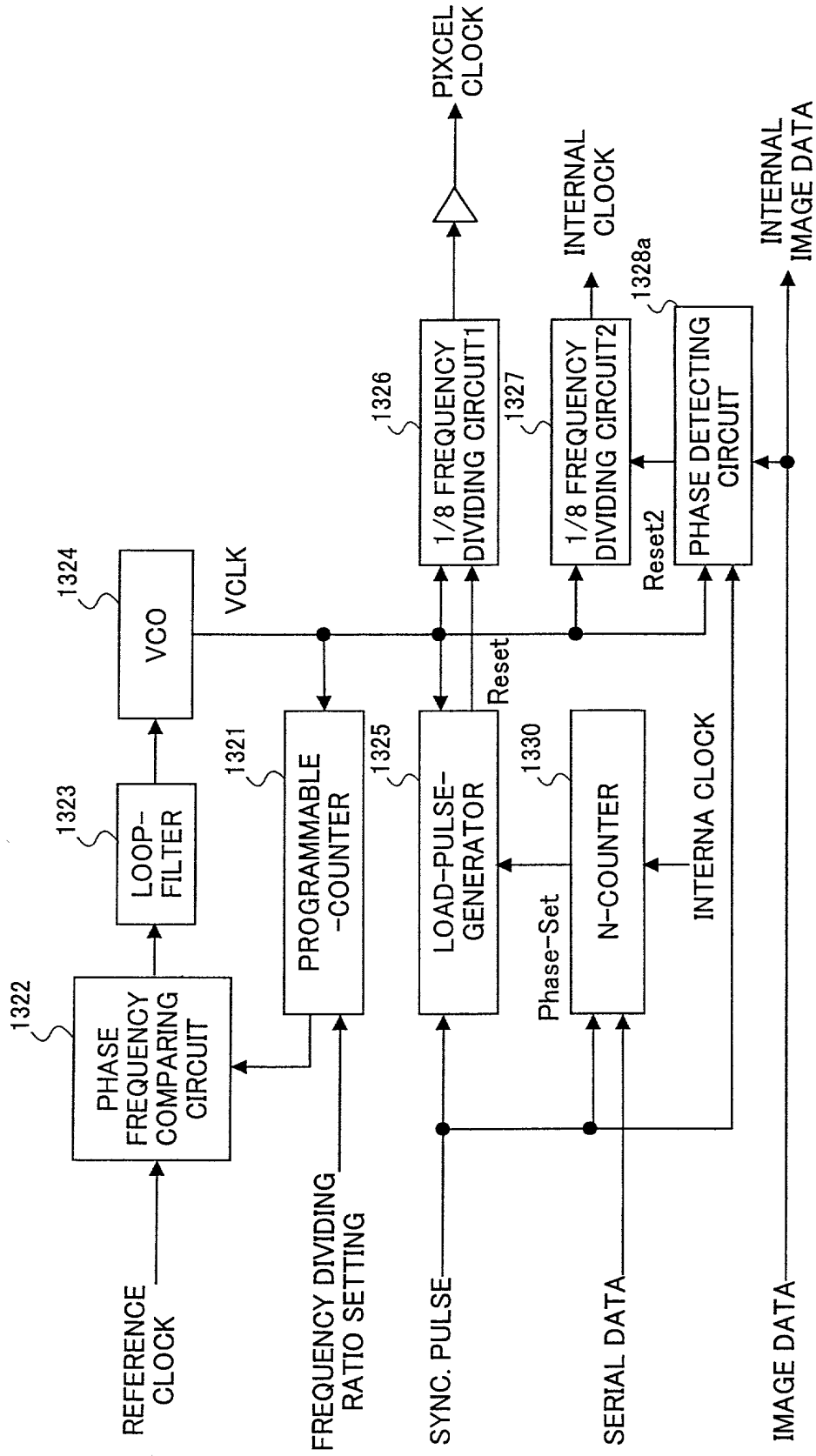


FIG.34

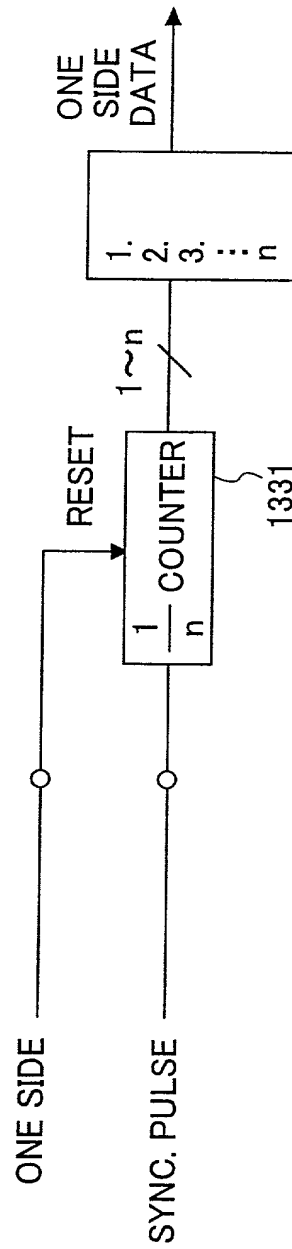


FIG.35

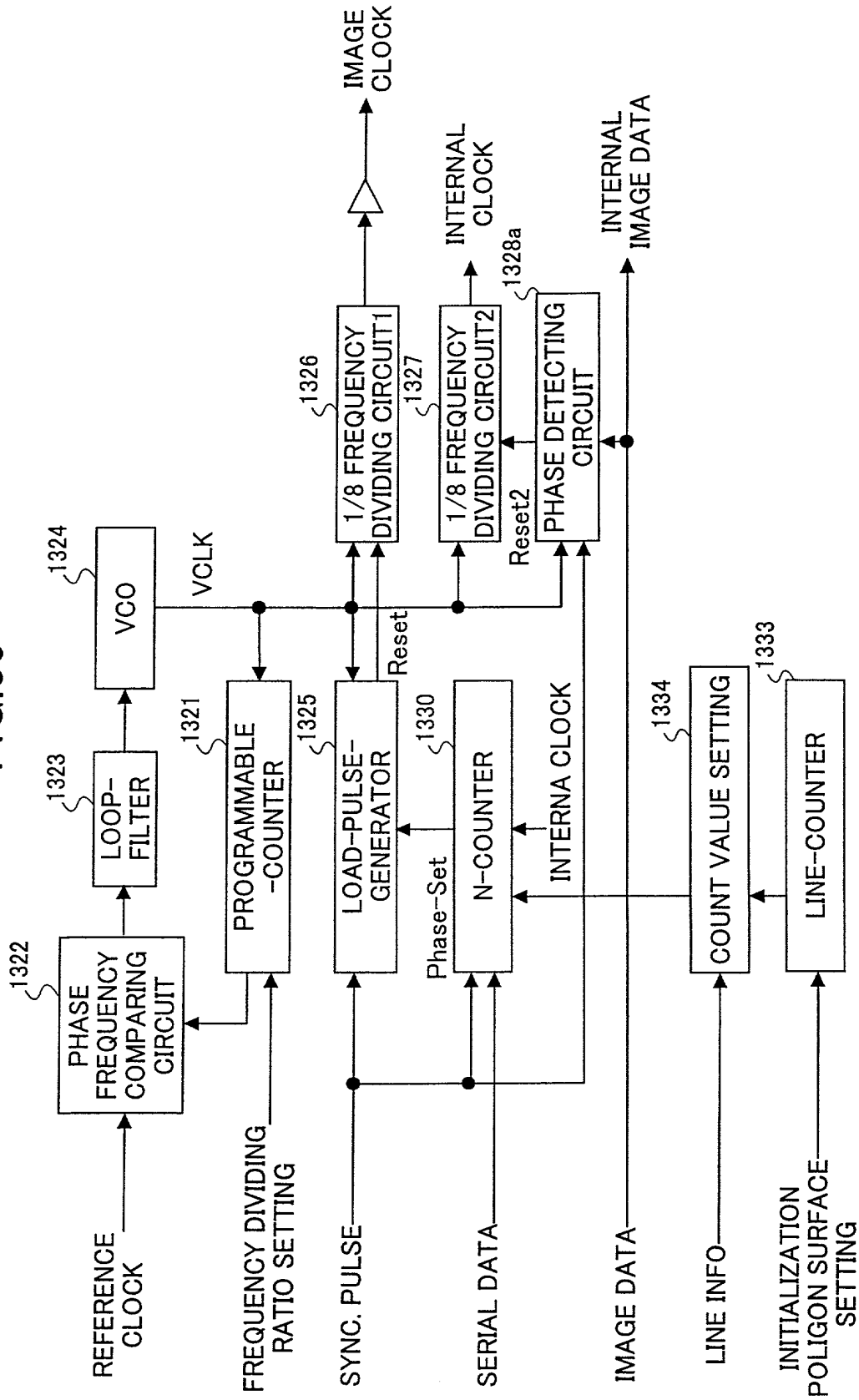


FIG. 36

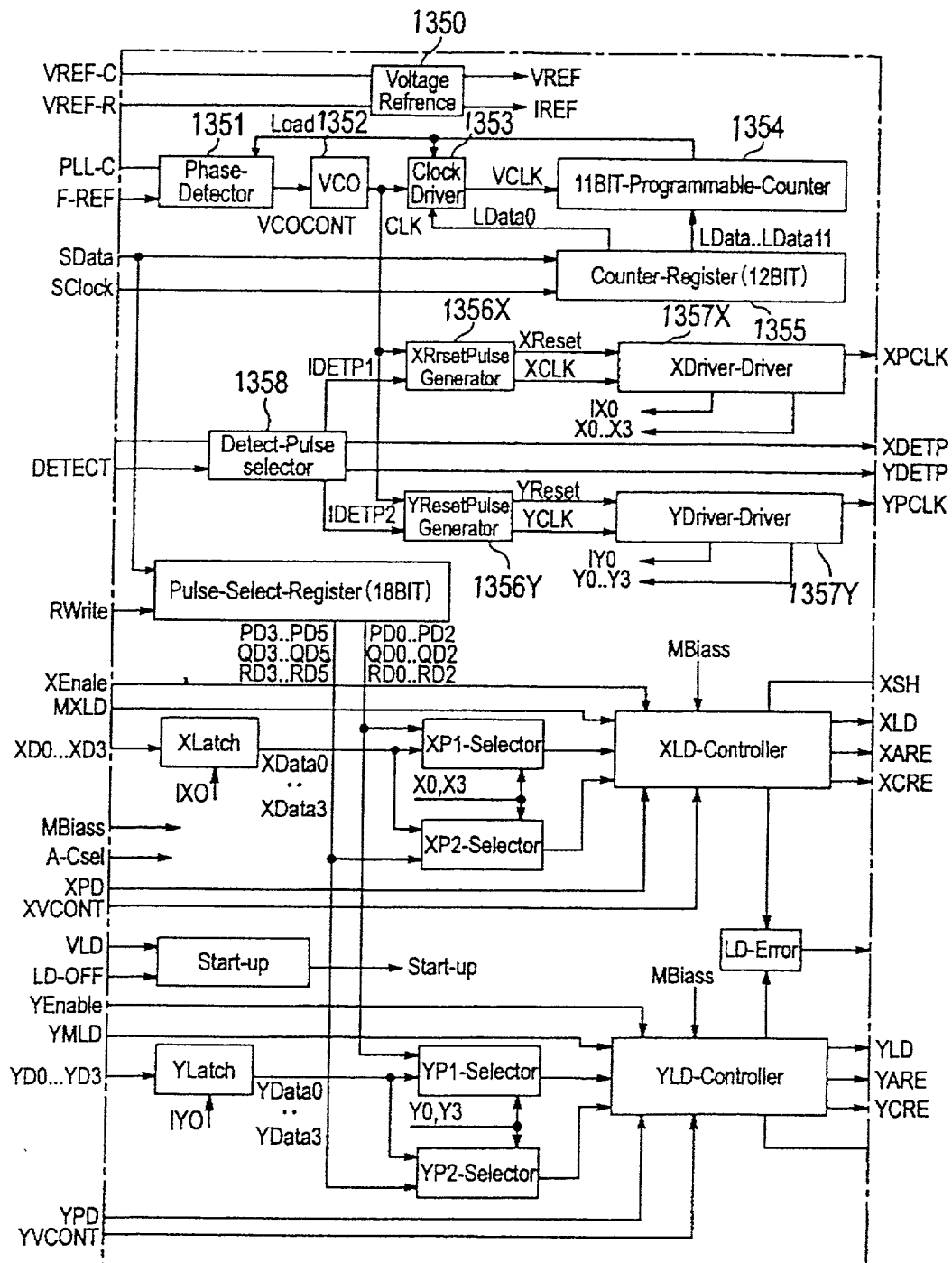


FIG. 37

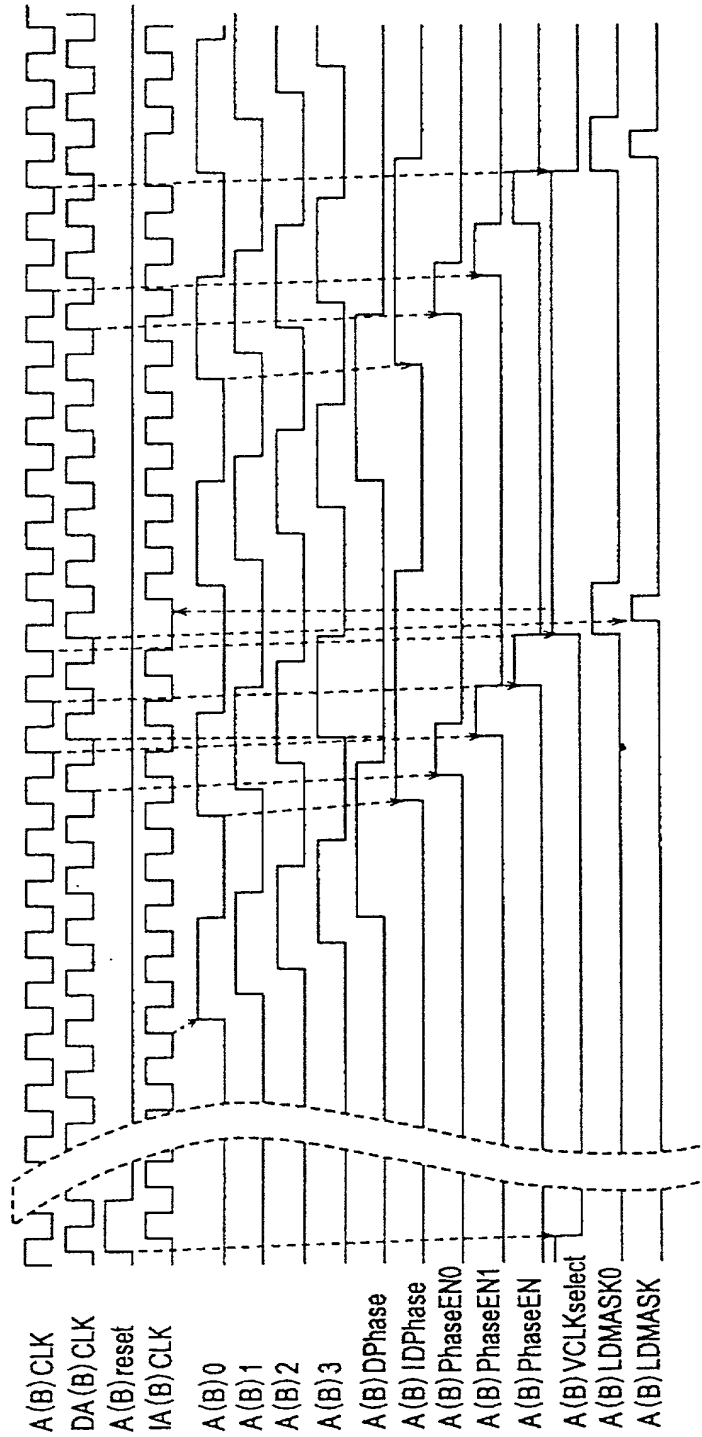




FIG. 38

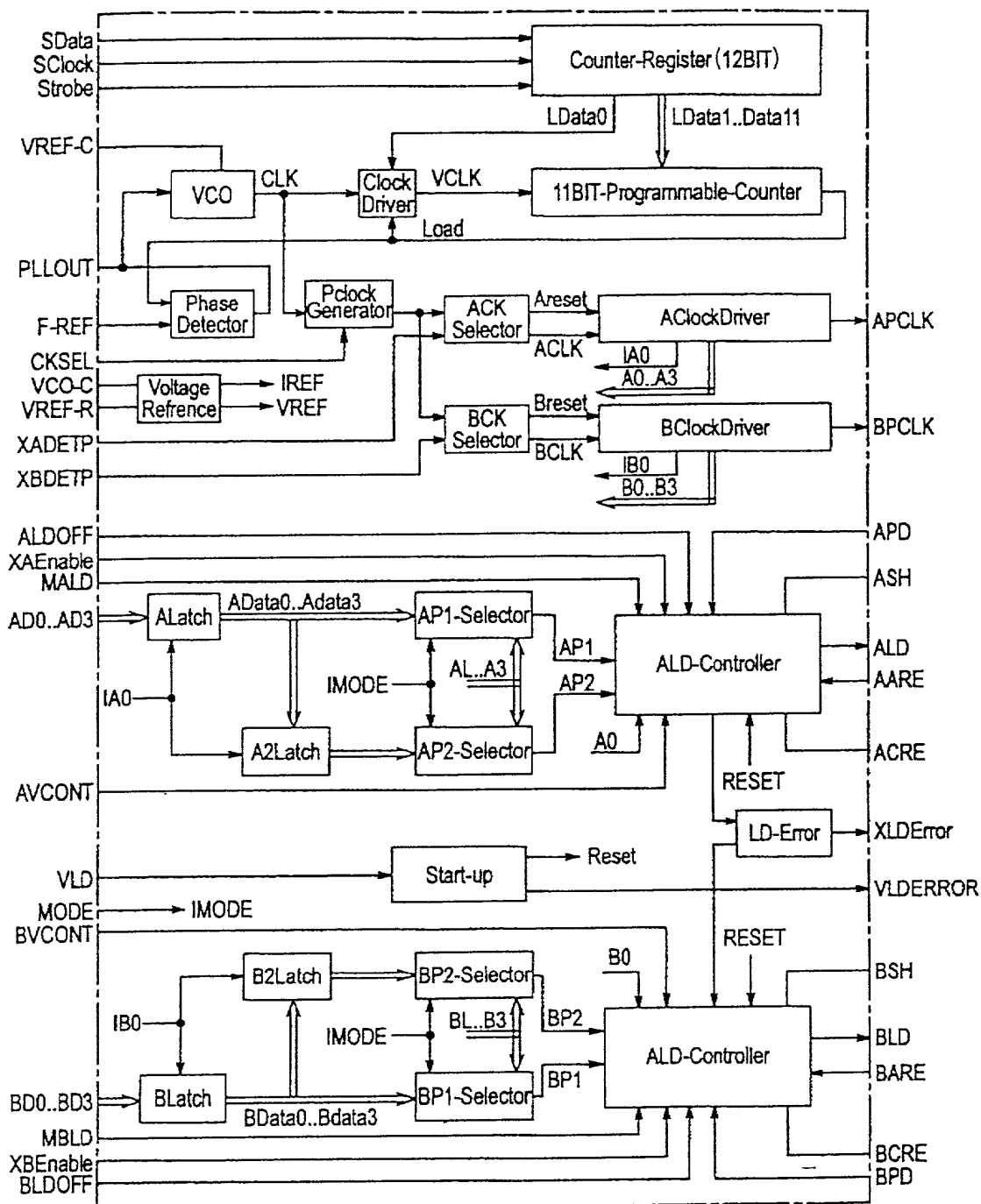


FIG.39

